

## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB05515 - Goat Anti-CBR1 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CBR1, carbonyl reductase 1, CBR, carbonyl reductase (NADPH), carbonyl reductase (NADPH) 1, hCBR1, prostaglandin 9-ketoreductase, prostaglandin-E(2) 9-reductase, SDR21C1, short chain dehydrogenase/reductase family 21C, member 1

**Official Symbol:** CBR1

**Accession Number(s):** NP\_001748.1

**Human GeneID(s):** [873](#)

### Immunogen

Peptide with sequence C-HGQFVSEKRVEQW, from the C Terminus of the protein sequence according to NP\_001748.1.

Please note the [peptide](#) is available for sale.

### Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

### Applications Tested

**Peptide ELISA:** antibody detection limit dilution 1:8000.

**Western blot:** Approx 30-35kDa band observed in Human Kidney lysates (calculated MW of 30.4kDa according to NP\_001748.1). Recommended concentration: 0.1-0.3µg/ml. Primary incubation 1 hour at room temperature.

**IHC:** In paraffin embedded Human Kidney shows cytoplasmic staining of epithelial cells of renal tubules. Recommended concentration: 1-2µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human

EB05515 (0.1µg/ml) staining of Human Kidney lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB05515 (3µg/ml) staining of paraffin embedded Human Kidney. Microwaved antigen retrieval with citrate buffer pH 6, HRP-staining.